configuration, symbol and waveform uses will generate patterns used to identify and create new data relationships. These relationships may be initiated by either people or machines (**B1.5c**). Input and output easily map between text, mathematics, imagery, sounds and other means because each means of communication is described and derived using the same mathematical system. Context Driven Topologies are passed like stories from one generation to the next, transformed as interpreted then returned slightly modified. These cycles leave indelible marks, data without these marks or significant connections does not persist. Redundant data and data relationships have precisely matching topologies that automatically align to mask and cancel each other, defining similarity measures is a decision process between users and machines. "Better" topologies are ideal forms, compactly identified, and automatically preserved over time through evaluation and use.

E. DRAWINGS

Figures 1-10 follow on pages 14 to 23

F1. BREIF DESCRIPTION OF THE DRAWINGS

Figure 1: The boundless abstract data cloud in a stateless space.

Figure 2: Users provide machines with related examples, patterns and measurements begin to emerge.

Figure 3: Users begin to construct a hierarchy, create new information and make decisions.

Figure 4: Conclusions are drawn and a Context Driven Topology becomes fixed into its own pattern.

Figure 5: Ideas traveling in different directions overlapping in time, three separate background histories.

Figure 6: The process of the upcoming project and enhanced prototype.

Figure 7: Components appearing to change scale to new levels by modifying their description boundary.

Figure 8: Rotating, aligning and scaling data components and groups until they fit into a new arrangement.

Figure 9: The self-referring relationship between a Context Driven Topology and a component location.

Figure 10: A Context Driven Topology in the three states: configuration, symbol, waveform.

Views within the Drawings are indicated by a numbered gray circle that corresponds to a (**bold number in brackets**) in the detailed descriptions. References to paragraphs and sections within the text are *italic*.

F2. DETAILED DESCRIPTIONS OF THE DRAWINGS follow on pages 24 to 30.